

SEQUENCE LISTING

<110> Carmichael, David F
 Anderson, David C
 Stricklin, George P
 Welgus, Howard G

<120> Human Collagenase Inhibitor, Recombinant Vector System
 For Using Same And Recombinant-DNA Method For
 Manufacture Of Same

<130> Serial No. 09/452,817

<140> 09/452,817
 <141> 1999-12-01

<150> 08/474,553
 <151> 1995-06-07

<150> 08/050,739
 <151> 1993-04-21

<150> 07/853,018
 <151> 1992-03-18

<150> 07/517,475
 <151> 1990-05-01

<150> 07/320,923
 <151> 1989-03-08

<150> 06/784,319
 <151> 1985-10-04

<150> 06/699,181
 <151> 1985-02-05

<160> 20

<170> PatentIn Ver. 2.0

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 35 40 45

Phe Gln Ala Leu Gly Asp Ala Ala Asp Ile Arg Phe Val Tyr Thr Pro 64
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Ala Met Glu Ser Val Cys Gly Tyr Phe His Arg Ser His Asn Arg Ser 80
 65 70 75 80

Glu Glu Phe Leu Ile Ala Gly Lys Leu Gln Asp Gly Leu Leu His Ile 96
 85 90 95

Thr Thr Cys Ser Phe Val Ala Pro Trp Asn Ser Leu Ser Leu Ala Gln 112
 100 105 110 111

Arg Arg Gly Phe Thr Lys Thr Tyr Thr Val Gly Cys Glu Glu Cys Thr 128
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Val Phe Pro Cys Leu Ser Ile Pro Cys Lys Leu Gln Ser Gly Thr His
 130 135 140

Cys Leu Trp Thr Asp Gln Leu Leu Gln Gly Ser Glu Lys Gly Phe Gln
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Ser Arg His Leu Ala Cys Leu Pro Arg Glu Pro Gly Leu Cys Thr Trp
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Gln Ser Leu Arg Ser Gln Ile Ala
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Cys Thr Cys Val Pro Pro His Pro Gln Thr Ala Phe Cys Asn Ser Asp
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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ttcgtgggga caccagaagt caaccagacc acctataacc agcgttatga gatcaagatg 240
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accccgcca tggagagtgt ctgcggtatc ttccacaggt ccacaaccg cagcgaggag 360
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<210> 7

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<212> DNA

<213> Homo sapiens

<400> 7

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tgtgtccac cccaccaca gacggccttc tgcaattccg acctcgtcat caggccaag 180
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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
5'-end of human TIMP-1 using preferred yeats
codons; + strand

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<210> 9

<211> 52

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic
5'-end of human TIMP-1 using preferred yeast
codons; - strand

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: linker

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<211> 72

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: linker

B21

Sequence

36

<210> 16

<211> 9

<212> DNA

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<223> Description of Artificial Sequence: linker

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9

<210> 17

<211> 9

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: linker

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9

<210> 18

<211> 138

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: artificial
OmpA leader sequence

<400> 18

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: linker

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15

<210> 20
<211> 7
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: linker

<400> 20
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7

BD!
con'u

BD!
con'u